

FIG. 1

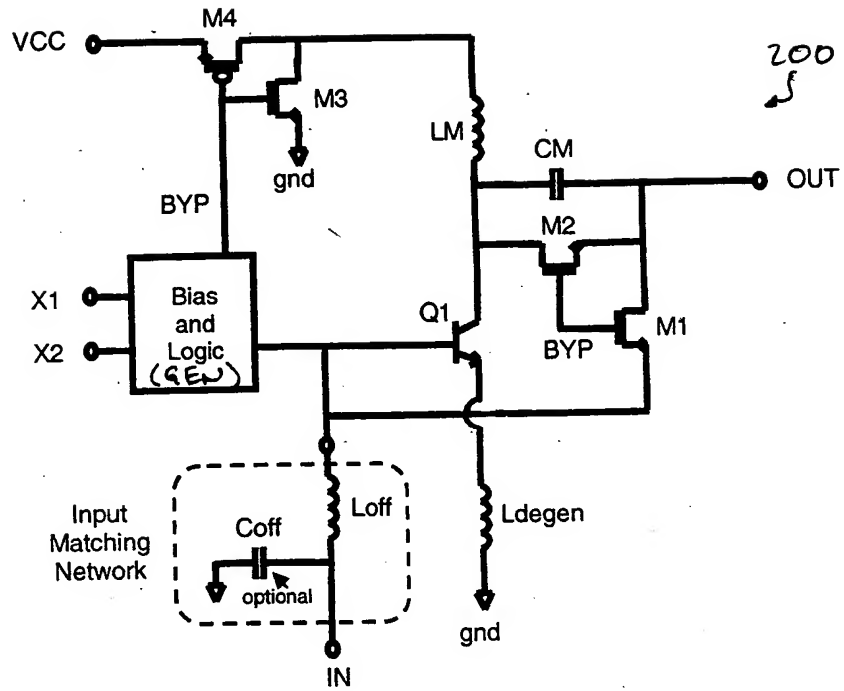


FIG. 2

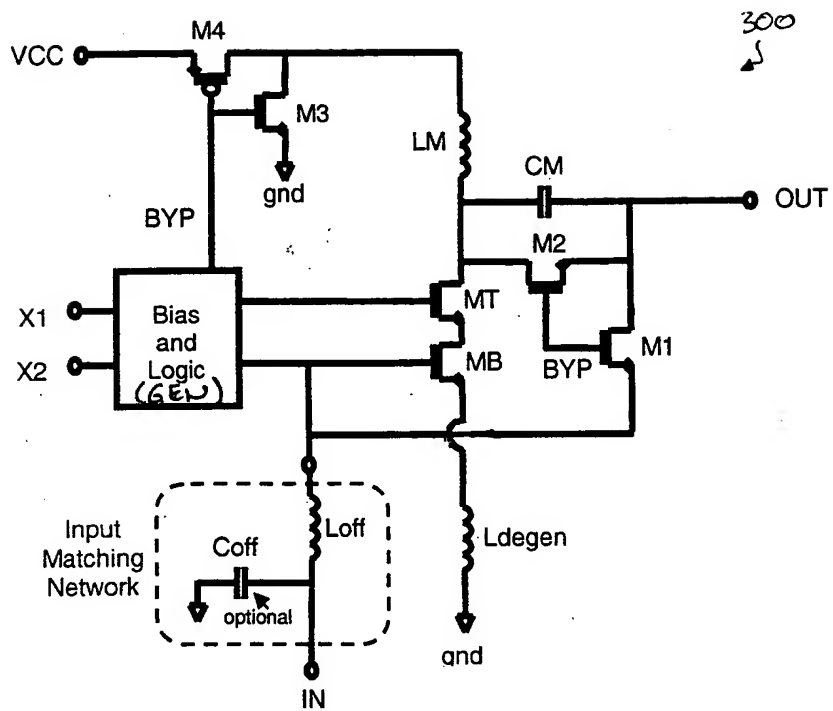
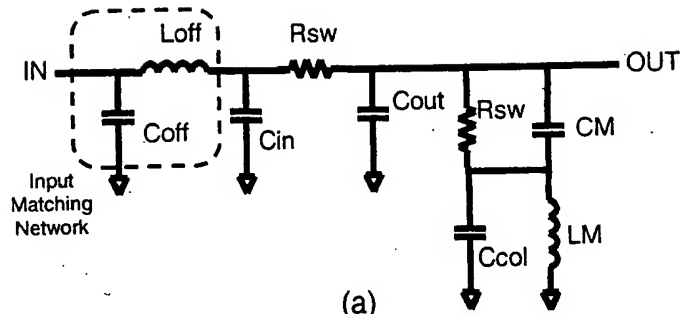


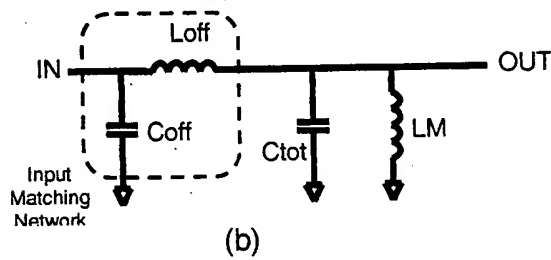
FIG. 3

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(a)

Simplifies with $R_{sw} \rightarrow 0$



(b)

FIG. 4

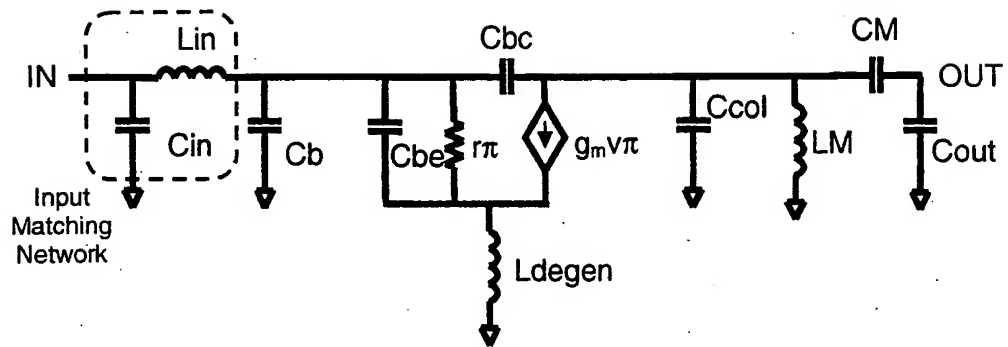


FIG. 5

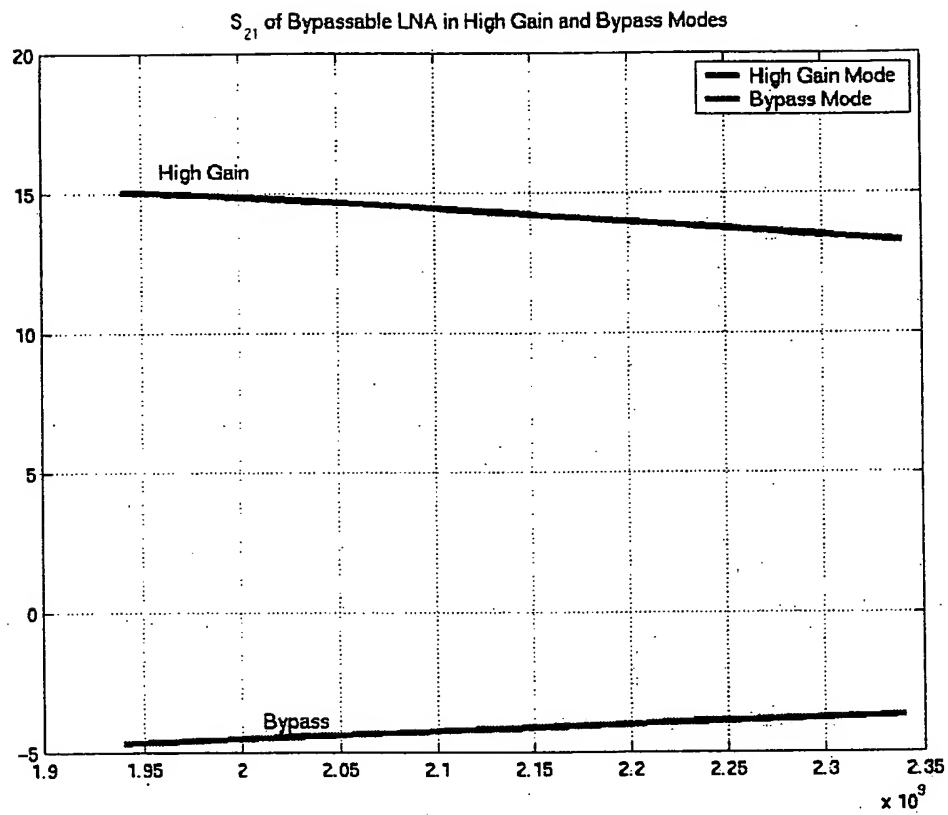


FIG. 6

S_{11} of Bypassable LNA in High Gain and Bypass Modes

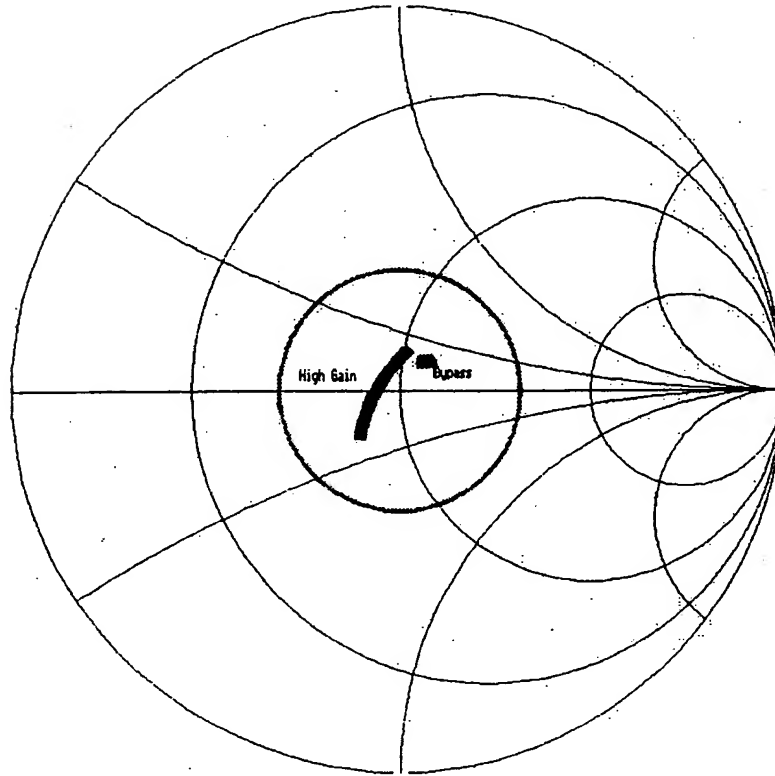


FIG. 7

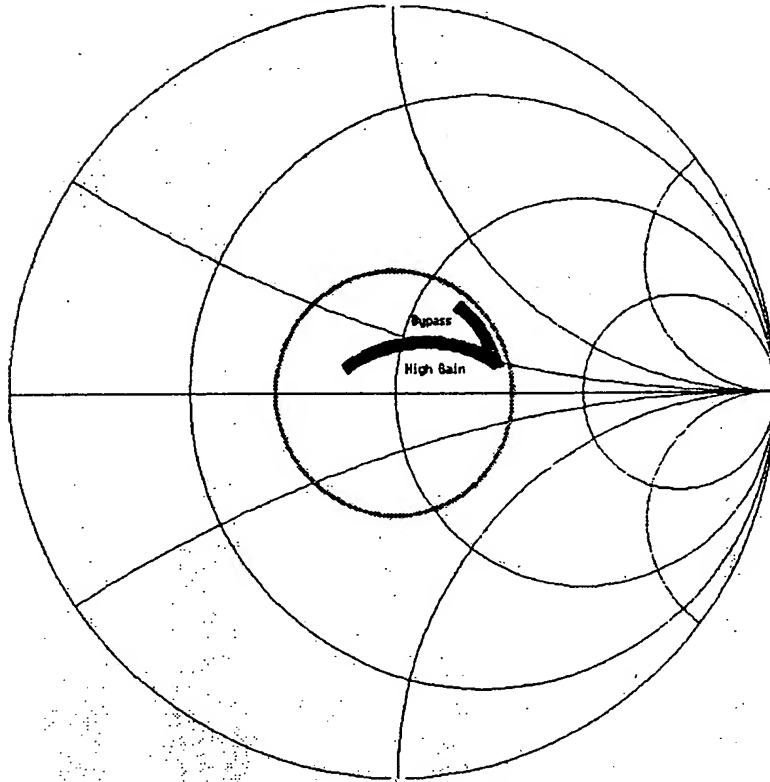
S_{22} of Bypassable LNA in High Gain and Bypass Modes

FIG. 8